

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-30. (Canceled).

31. (Previously Presented) A spread spectrum time division user equipment using time slots for communication comprising:

an antenna configured to receive data in a command per coded composite transport channel (CCTrCH) transmitted over a plurality of time slots;

an interference power measurement device configured to measure an interference power for each time slot of the plurality of time slots;

the antenna configured to transmit a single power command for the entire CCTrCH in response to a signal to interference ratio of the received CCTrCH and the measured interference power measurement for each time slot; and

the antenna configured to receive a subsequent data in the CCTrCH communication having a transmission power level for each downlink communication time slot set individually in response to the interference power measurement for that time slot and the single power command for the entire CCTrCH.

32. (Previously Presented) The user equipment of claim 31 wherein the transmission power level of the subsequent data in the CCTrCH communication is set by establishing a transmit power level in response to the single power command for the entire CCTrCH and modifying the transmit power level in each time slot in response to the interference power measurement of that time slot.

33. (Previously Presented) The user equipment of claim 31 wherein the interference power measurements are interference signal code power (ISCP).

34. (Previously Presented) A spread spectrum time division base station using time slots for communication comprising:

an antenna configured to receive a single power command for an entire command per coded composite transport channel (CCTrCH) and an interference power measurement for each time slot of the CCTrCH which is transmitted over a plurality of time slots; and

the antenna configured to transmit data in the CCTrCH over the plurality of time slots and the CCTrCH having a transmission power level for each time slot set individually in response to the interference power measurement for that time slot and the single power command for the entire CCTrCH.

35. (Previously Presented) The base station of claim 34 wherein the transmission power level of the CCTrCH communication is set by establishing a transmit power level in response to the single power command for the entire CCTrCH and modifying the transmit power level in each time slot in response to the interference power measurement of that time slot.

36. (Previously Presented) The base station of claim 34 wherein the interference power measurements are interference signal code power (ISCP).

37-39. (Canceled).

40. (Previously Presented) A spread spectrum time division UE using time slots for communication, the time slots being subject to power control, comprising:

an antenna configured to receive a downlink command per coded composite transport channel (CCTrCH);

a transmit power calculation device configured to transmit transport power control (TPC) commands, wherein the transmit power calculation device transmits one TPC command per entire downlink CCTrCH channel; which TPC command

corresponds to the average signal to interference ratio (SIR) in all time slots that belong to the same CCTrCH channel; and

an interference measurement device configured to perform a downlink interference signal code power (ISCP) measurement for each time slot in the received CCTrCH channel and to transmit the ISCP measurements to a base station; and

wherein the antenna is further configured to receive, in response to the transmission of the ISCP measurement and the TPC command for the entire CCTrCH channel, a downlink CCTrCH communication having an individual transmission power level for each downlink CCTrCH channel time slot.